

B I L L O F L A D I N G

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 35780
 Ship Date 16Mar17 at 10:53 From PFW
 Probill
 Via VIM DELIVERY
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC- 27735- 1 Your PO # 35580
 ALUMINUM FLT BAR ECONOPLT 6061-T6511
 1.00" X 16.00" X 48.0000"

Heat Number 22730458 Tag No 628831

Quantity 32 FT PCS 8 Wt LBS 618

TOTAL: Tags 1 PCS 8 LBS 618

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
 ** REFERENCED ON IT **

TOTAL 1 SKID GW. 630 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
 CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
 ADDED TO EVERY ORDER.***

Page: 1Continued

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
 ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

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2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
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Slp STAN IVERS (905-532-1350)
Sold To: (20115)
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Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

***UNE SURCHARGE D'ENERGIE DE \$25.00
SERA AJOUTEE A CHAQUE COMMANDE.***
***POUR VOS BESOINS D'ACIER INOXYDABLE,
CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

Page: 2 Last

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Sapa

Sapa Industrial Extrusions
53 POTTSVILLE STREET
CRENSHAW, PA
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoiced To Customer

COPPER & BRASS SALES INC
ATTN: ACCOUNTS PAYABLE
P.O. BOX 5116

SOUTHFIELD, MI - 48036

Ship To Customer

COPPER & BRASS SALES INC
8001 THYSSENKRUPP PARKWAY

NORTHWOOD, OH - 43619

Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1101811140	8	5400337199 80	SAPA25965899	1 of 2
			Cert Creation Date	Cert Print Date
			06-FEB-17	06-FEB-17

Quantity Shipped	Date Shipped	Item Description	Specification
4632 LB	06-FEB-17	ACC-U-PLATE Extended ACC-PLATE 003 TK x 16.000 W W TOI +.008/-0.000 SECT 515175 144 IN LN BEN M-MILL W/F 192298 F 2 CS 16.0 6061/T6511 MATERIALS CONFORMS:	ASTM B221 REV 14 ASME SB221 REV 10 AMS-QQ-A-2006 REV A ES-AUP REV
807944	003226617	Item No.	
Delivery Id	Item No. Rev		
4866540			
Customer Part No.			
ALRECO1030			

Applicable Specifications, Test Specs and Exceptions

ACC-U-PLATE
Acc-U-Plate(TM) product greater than 0.375" thick in 6061 T6/T6511 alloy temper meets 6061 T6511 tensile strength, yield strength, and elongation minimums of rolled plate produced per AMS-QQ-A-250/1, a and AS IM B 209.

COMPOSITION NOTE: The values for Others Each and Others Total have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Signature And Title

Mike Hammer

Mike Hammer
Cressona Plant Manager

06-FEB-17

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G12-PKG2907889	22730458	6	PCS	1396	1390
G12-PKG2907901	22730458	7	PCS	1627	1621
G12-PKG2907911	22730458	7	PCS	1627	1621

Composition Limits

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS CA LTD

CstAr

Wgt.: 617.778 LB

Del.: 2405099094

CstOr 281996

Date 03/14/2017

Thomas Sanchez

Sapa
Sapa Industrial Extrusions
33 POTTSVILLE STREET
CRENSHAW, PA
17929-0187

Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1101181140	8	5400317199-83	SAPA250509 Cert Creation Date	2 of 2
			06-FEB-17	Cert Print Date
			06-FEB-17	

Alloy	SI	Fe	Cu	Mn	Mg	Cr	Zn
6061	Min 0.40	Max 0.50	Min 0.70	Max 0.15	Min 0.80	Max 1.20	Min 0.04
Alloy	Min 0.15	Max 0.05	Min 0.15	Max 0.15	Min 0.02	Max 0.02	Min 0.02
6061	Min 0.15	Max 0.05	Min 0.15	Max 0.15	Min 0.02	Max 0.02	Min 0.02

DAS
14
17
103/14
9-89

Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Al	Others Each	Others Total
4039973	0.71	0.22	0.21	0.02	0.88	0.05	0.02	0.02	--	--

Mechanical Property - Test Limits

Test Type	UTS - L	YTS - L	EL 40D Long
UTS	KSI	KSI	PCT
Test Temper	MIN Value	MAX Value	MIN Value
1651158	44.3	44.3	14.3

Cert Notes

Products manufactured with a T6511 temper also meet T6 temper requirements.
Yield strength has been determined by the 0.2% offset method.
All mill finish alloys produced at Sapa Industrial Extrusions comply with Directive 2011/65/EU (RoHS 2) with the exception of 6262 alloy.
In accordance with EN 10204 Inspection Certificate Type 3.1
Material in the USA or "Qualifying Countries" (as defined in Defense Federal Acquisition Regulation Supplement (DFARS) Section 225.872-1)
Manufactured in the United States

From: ThyssenKrupp Materials NA
Cust. THYSSENKRUPP MATERIALS CA LTD
CstAr
Wgt.: 617.778 LB
Del.: 2405099094
CstOr 281996
Date 03/14/2017

Thomas Sanchez

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061T6 B1.000X16.00
 DATE: 17/03/19

PO / BATCH NO: 35580/137080

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 32'
 QUANTITY INSPECTED: 32'
 QUANTITY REJECTED: _____

THICKNESS ORDERED: 1.000
 THICKNESS RECEIVED: 1.025
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<u>6061T6</u>
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<u>1.025</u>
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<u>ASTM B221</u>
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<u>HEAT # 22730458</u>
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<u>6061T6 B1.000X16.00</u>
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<u>M137080</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS 14</u> DATE: <u>17/03/19</u>		SIGNED OFF BY: _____ DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO35580

Purchase Order Date 3/14/2017

PO Print Date 3/14/2017

Page Number 1 of 2

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

MAR 14 2017

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
		Customer Tax #	10127-2607
Ship To Contact		Terms	Net 30
Ship To Phone		Currency	CAD
Ship Via:	VENDOR'S TRUCK	FOB	FCA - (Free Carrier)
Ship Acct:			

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M6061T6B1.000X16.000	6061-T6 Bar 1.00 x 16.00	3/28/2017 Yes 3/28/2017		32.00 f	\$59.06	\$1,890.00

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

NOTE: CUT TO SIZE 8 PCS @ 4 FT LENGHT

Line Total: \$1,890.00

2	71401-45	PROCUREMENT QUALITY CLAUSES	3/28/2017		1.00	\$0.00	\$0.00
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Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

No
3/28/2017

SP17-03-17

Note:

3/14/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO35580**

Purchase Order Date 3/14/2017

PO Print Date 3/14/2017

Page Number 2 of 2

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA – (Free Carrier)

Line Total: \$0.00

PO Total: \$1,890.00

U
CL

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 3/14/2017